

FIG. 1

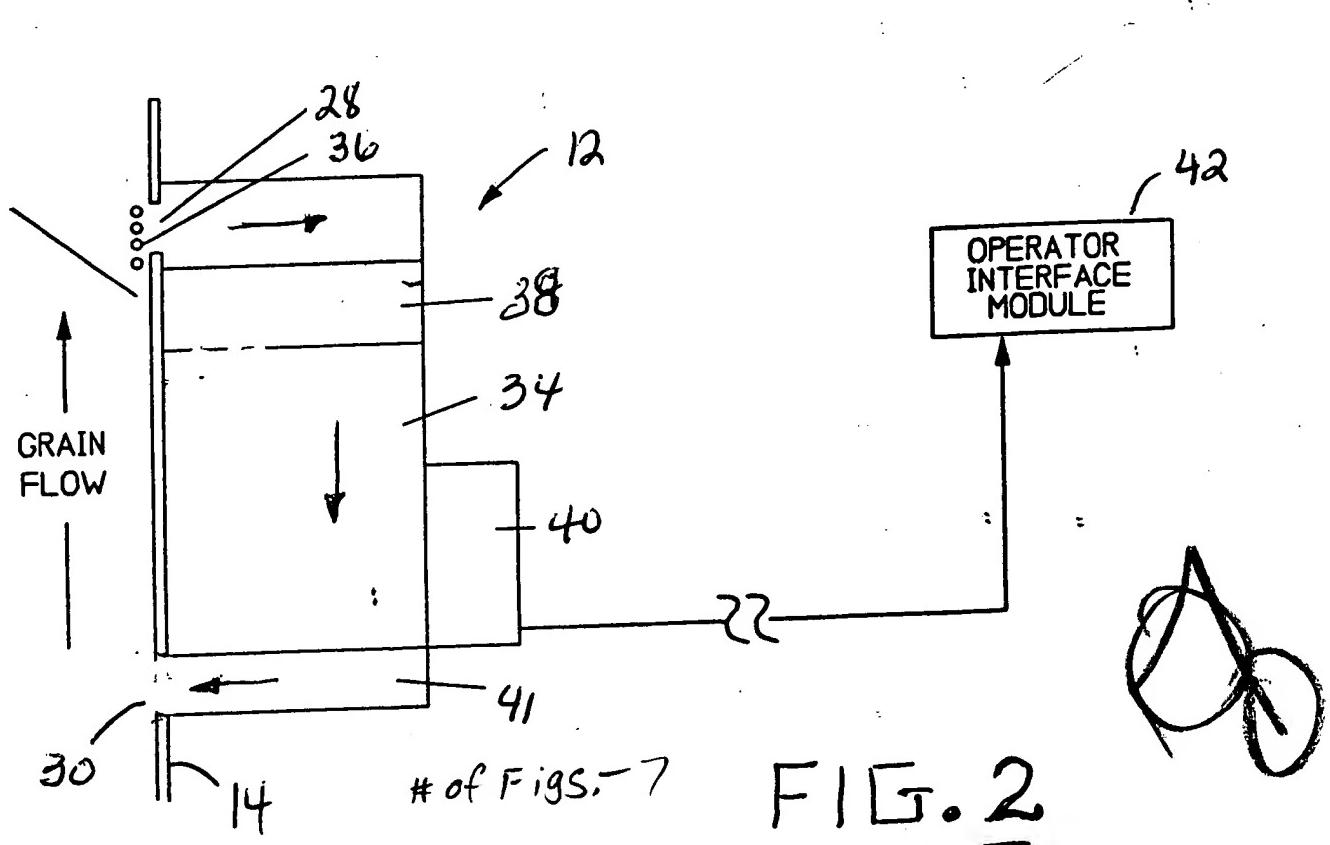


FIG. 2

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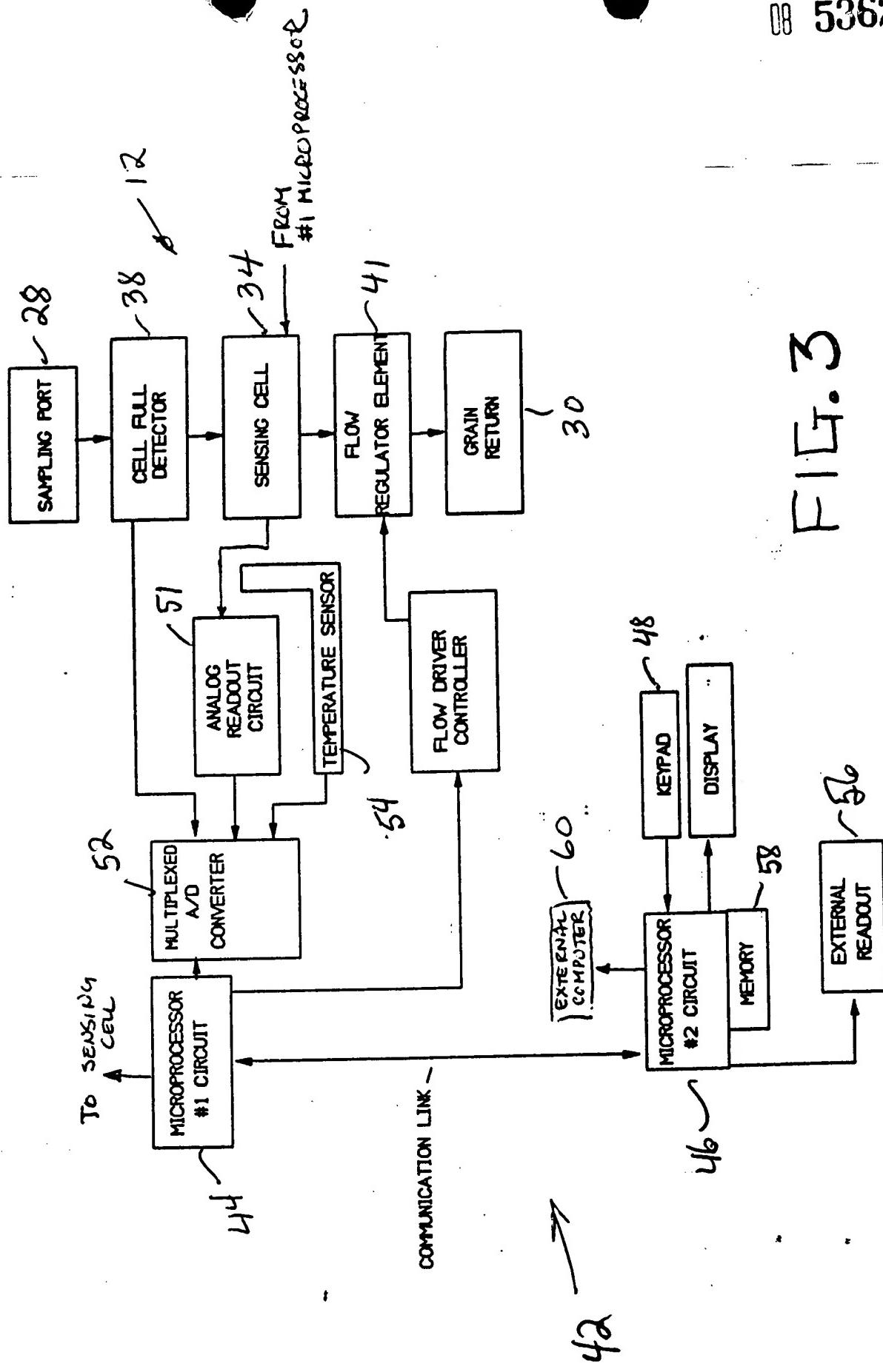
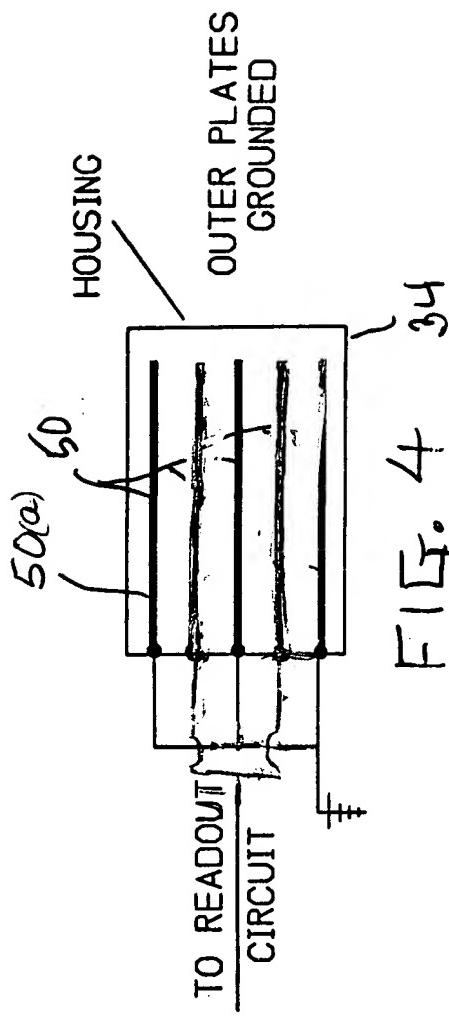


FIG. 3



EQUIVALENT CIRCUIT

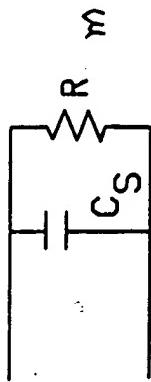


Fig. 4(a)

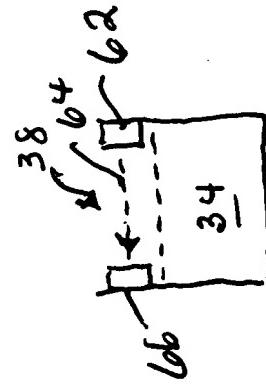
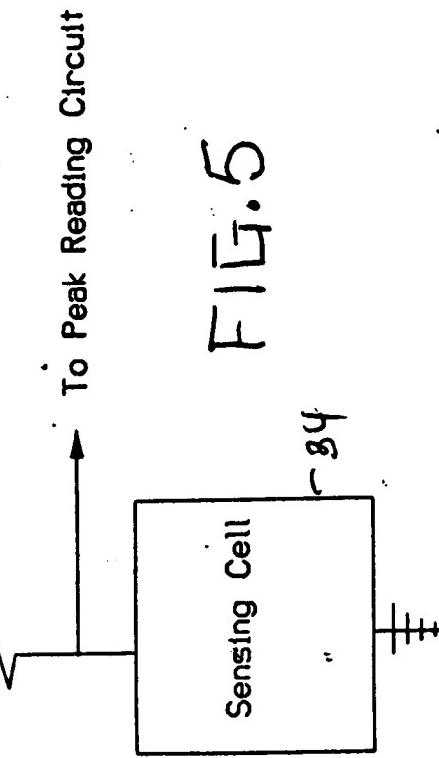
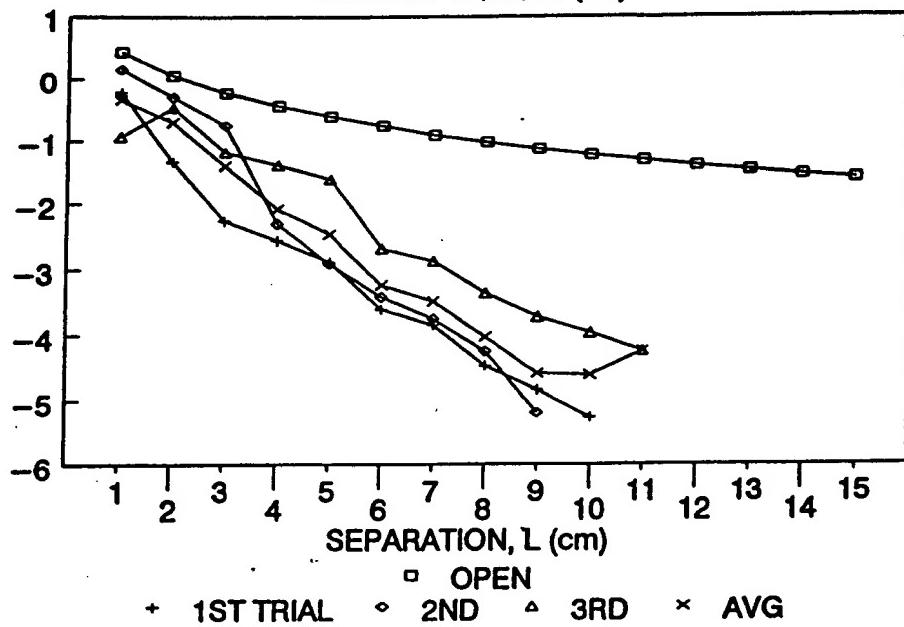


Fig. 6

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TRANSMISSION THRU CORN : 940 nm
DATA OF 12/15/94 (C3)

LOG OF SIGNALS



TRANSMISSION THRU CORN : 940 nm
DATA OF 12/15/94 (C4)

LOG OF SIGNALS

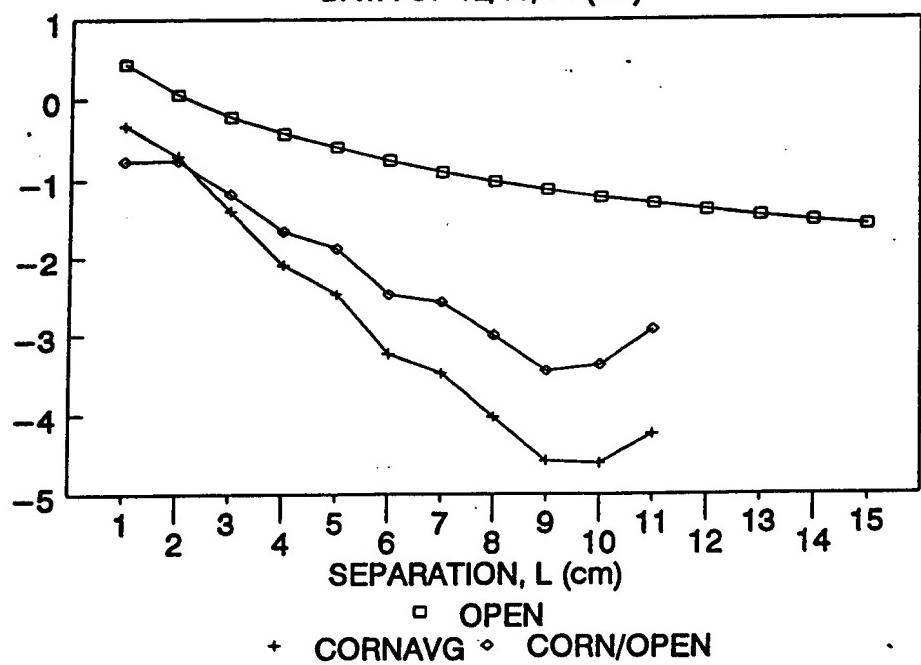


FIG. 7